

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 98/02110

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A61K31/64 A61K31/44 A61K31/155 //(A61K31/64,31:44,31:155)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| Y | EP 0 749 751 A (TAKEDA CHEMICAL INDUSTRIES LTD) 27 December 1996 see page 9, line 42-55; claims 24-26; example 2 see page 8, line 32-34 --- | 1-22 |
| Y,P | KAPPEL C. ET AL: "Type 2 diabetes: Update on therapy" COMPREHENSIVE THERAPY, vol. 24, no. 6-7, June 1998, pages 319-326, XP002080974 see page 324, column 2, paragraph 2; figure 1 --- -/-- | 1-22 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 October 1998

Date of mailing of the international search report

02/11/1998

Name and mailing address of the ISA

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | ELSON DF ET AL: "Therapy for type 2 diabetes mellitus 'see comments!'" WMJ, MAR 1998, 97 (3) P49-54, XP002081122 UNITED STATES see page 52 | 1-22 |
| Y | see page 53, column 1, paragraph 2 | 1-22 |
| A | SCHEEN AJ ET AL: "Oral antidiabetic agents. A guide to selection." DRUGS, FEB 1998, 55 (2) P225-36, XP002080821 NEW ZEALAND see page 232, column 2, paragraph 1; figure 1 | 1-22 |
| A | WO 93 03724 A (UPJOHN CO) 4 March 1993 see claims 3,4,10,11 | 1-22 |
| A | WO 96 09823 A (SHAMAN PHARMACEUTICALS INC) 4 April 1996 see claims 7-11 | 1-22 |
| A | WOLFFENBUTTEL B. ET AL: "New treatments for patients with type 2 diabetes mellitus" POSTGRAD MED, vol. 72, pages 657-662, XP002081123 boxes 3,4,5 see abstract | 1-22 |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 98/ 02110

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Remark: Although claim(s) 1-13
is(are) directed to a method of treatment of the human/animal
body, the search has been carried out and based on the alleged
effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such
an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all
searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment
of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report
covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 98/02110

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
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| | | CN 1145783 A | 26-03-1997 |
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| | | US 5628999 A | 13-05-1997 |
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